



LEGEND:

DESCRIPTION OF MAP UNITS:

Qa	YOUNGER SURFICIAL DEPOSITS: Stream alluvium	Opa	PEDIMENT DEPOSITS: Unit A	Tcu	COLTON FORMATION: Upper member	Kpb	PRICE RIVER FORMATION: Bluecastle sandstone member
Qg	YOUNGER SURFICIAL DEPOSITS: Gravel thin deposits	Opb	PEDIMENT DEPOSITS: Unit B	TKfn	FLACSTAFF LIMESTONE AND NORTH HORN FORMATION	Kpm	PRICE RIVER FORMATION: Mudstone member
Qc	OLDER SURFICIAL DEPOSITS: Siltstone & slopewash deposits	Opc	PEDIMENT DEPOSITS: Unit C	Kc	CASTLEGATE SANDSTONE OF MESSEVERGE GROUP: Upper middle member of Kenilworth member	Km	MANCOS SHALE: Main body
Qf	OLDER SURFICIAL DEPOSITS: Alluvium fan deposits	Tc	COLTON FORMATION: Undivided	Kbk	BLACKHAWK FORMATION OF MESSEVERGE GROUP: Upper middle member of Kenilworth member		
		Tcl	COLTON FORMATION: Lower member	Kbs	Upper middle member of Sunnyside member		

COAL OUTCROP: (Symbol)

OUTCROP MEASUREMENTS: (Symbol)

FAULTS: (Symbol)

DIP: (Symbol) $DIP = 10^\circ - 14^\circ$

REVISION DATE:

DATE	BY	DATE	BY
11/20/99	BJ		
08/29/2000	BJ		
12/14/2000	BJ		
09/20/2002	RJM		

UTAH REGISTERED PROFESSIONAL ENGINEER

#152606

R. Joy Marshall

SCALE: 1" = 1000'

DATE: MARCH 1998

DESIGNED BY: EIS

SCALE: AS SHOWN

PLATE #: 6-1

LILA CANYON MINE

GEOLOGIC MAP OF THE PROJECT AREA